

GENERAL NOTES

See cross sections for special ditches and backslopes.

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

It is estimated that 6,140 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used. Most of the earth excavation will be done next year on the bridge part and guardrail will be done this year.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, 311.05(a), 311.06 and 311.07. All aggregate subgrade thicknesses less than 12 inches shall be constructed of aggregate of CA02 gradation.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

The mandatory saw cuts for pavement patching are:

Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

Areas of slag mixture are expected to be milled on this project. RAP containing slag mixture must be stockpiled separately.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Binder 2.25"	Level Binder (MM) over 2.25"	Top Shoulder	Bottom Shoulder
PG:	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 58-22	PG 58-22
Design Air Voids	4.0 @ N90	4.0 @ N90	4.0 @ N90	3 @ N50	2 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5, IL 12.5 or IL 19.0 FG	IL 19.0	IL 9.5 or 12.5	BAM or IL 19.0
Friction Aggregate	E	N/A	N/A	C	N/A
20 Year ESAL	17.8	17.8	17.8	N/A	N/A
Mix Unit Weight	119 lbs/sy/in			112 lbs/sy/in	

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be primed shall be limited to that which can be covered with HMA on the next days productivity, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

To help avoid excess drop offs at the edge of pavement, the existing aggregate wedge or shoulder is to be pulled up and rolled to match the edge of pavement before placing any bituminous material. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per Ton for HOT-MIX ASPHALT SURFACE COURSE of the type specified.

On full depth pavement, shoulder widths of 6 ft. or less may be placed, at the Contractor's option, simultaneously with the adjacent traffic lane for both the binder and surface courses, provided the cross slope of both the pavement and shoulder can be satisfactorily obtained. The shoulder will be paid for at the contract unit price per Square Yard for HOT-MIX ASPHALT SHOULDERS of the thickness specified on the plans.

Install rumble strips in all shoulders in accordance with State Standard 642001. Rumble Strips shall be placed on shoulders on both sides of the pavement.

A Nationwide 404 Permit has been issued for this project and the conditions of that permit must be adhered to.

The new number for the proposed eastbound structure will be 081-0194, and the new number for the proposed westbound structure will be 081-0195.

The thickness for the Bridge Approach Pavement Connector (Flexible) adjacent to existing pavement shall be a minimum of 12". The material shall be 2" Hot-Mix Asphalt Surface Course, and the remaining thickness shall be Hot-Mix Asphalt Binder Course.

Reflector Markers Type B shall be installed on the top of bridge parapet walls. The markers shall be according to Standard 635011 and the color and spacing according to Standard 635006, except the minimum is 2 per side.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

FILE NAME = 64023	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GENERALNOTES.D		DRAWN -	REVISED -			FAI 74280 & FAI 80	(81-2,81-3,37-1,37-2-1)RS-1	Rock Island & Henry	290	3
OCX	PLOT SCALE =	CHECKED -	REVISED -			(1-74/280)	& 81-38R	CONTRACT NO. 64023		
	PLOT DATE = 3/15/2013 11:08 AM	DATE = 3/15/2013 11:07 AM	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT